



P.O. Box 5006
Fremont, CA 94537-5006

Environmental Sustainability Commission Agenda and Report – December 4, 2014

General Order of Business

1. Call to Order - 4:00 p.m.
2. Roll Call
3. Written and Oral Communications
4. Approval of Minutes/Agenda Review
5. Staff Presentations and Action Items
6. Adjournment

Order of Discussion

Generally, the order of discussion after introduction of an item by the Chair will include comments and information by staff followed by Environmental Sustainability Commission (ESC) questions or inquiries. An authorized representative or interested citizen may then speak on the item. At the close of public discussion, the item will be considered by the ESC and action taken.

Addressing the Environmental Sustainability Commission

Any person may speak on any item under discussion by the ESC after receiving recognition from the Chair. When addressing the ESC, please state your name and address. In order to insure all persons have the opportunity to speak, a time limit may be set by the Chair for each speaker. In the interest of time, please limit your comments to new material; do not repeat what a prior speaker has said.

Oral Communications

Any person desiring to speak on a matter, which is not scheduled on this agenda, may do so under the Oral Communications section. Please be aware provisions of the California Government Code Section 54954.2(b) prohibit the ESC from taking any immediate action on an item, which does not appear on the agenda, unless it meets stringent requirements. The Chair may limit the length of your presentation.

Information

For agenda copies or information about the City or items scheduled on the Agenda and Report refer to: Community Development Department, P.O. Box 5006, Fremont, CA 94537-5006, phone (510) 494-4557.

Environmental Sustainability Commission:**City Staff**

Haroon Rasheed, Student
Nina Moore, Business Community
John Rennels, Development/Construction Industry
Richard Godfrey, Environmental Organization (Chair)
Shiva Swaminathan, Public At Large (Vice Chair)
Carolyn Obata, Public At Large
Daniel O'Donnell, Public At Large

Dan Schoenholz, Deputy Director,
Community Development
Rachel DiFranco, Sustainability Coordinator,
Community Development
Marcia Fildes, Senior Office Specialist,
Community Development

AGENDA
FREMONT ENVIRONMENTAL SUSTAINABILITY
COMMISSION (ESC)
December 4, 2014, 4:00 p.m.

Patterson Room, Development Services Center
39550 Liberty Street, Fremont, CA 94538

1. **Call to order** (*Chair Godfrey*)
2. **Roll call and introduction of staff** (5 min.)
3. **Oral and written communications** (5 min.)
4. **Approval of minutes** ([October 23, 2014](#)) **and review of agenda** (5 min.)
5. **Scheduled items**

5.1 Downtown Community Plan Update (20 minutes)

Alina Kwak and Guy Ferguson from the City Manager's Office will give a presentation on Downtown Fremont. The presentation will provide updates on the most recent updates in downtown development and there will be opportunity for Q&A afterwards.

BACKGROUND: In October 2012, the Fremont City Council unanimously approved the [Downtown Community Plan](#). The Fremont Downtown Community Plan is focused on a core area within the City Center encompassing approximately 110 acres. The area is centrally located within Fremont and is bounded by the arterial roadways of Fremont Boulevard, Mowry Avenue, Paseo Padre Parkway, and Walnut Avenue.

Fremont's Downtown District is poised to become a vibrant urban mixed-use district within the City Center. The Community Plan and Design Guidelines that follow describe how this area will be transformed into an urban, pedestrian-friendly district embodying sustainability and transit-oriented development principles. The public realm within the district will consist of a newly configured and redesigned "complete" street grid that serves multiple modes of transportation, accommodates parking and, in some instances, also serves to treat stormwater. Distinctive retail opportunities, civic plazas, entertainment/cultural art venues, a robust art program, and consolidated City government offices will also serve to attract residents from the City and the region. Finally, the Plan creates flexibility in accommodating a variety of land uses to respond to market conditions over time.

RECOMMENDATION: Receive and consider.

5.2 Fremont Energy Plan Review (20 minutes)

Staff will give a brief overview of the elements covered by the Fremont Energy Plan. The Commission will then be provided the opportunity for questions, comments, and feedback.

BACKGROUND: The Georgetown University Energy Prize (GUEP) is a two year (2015-2016) challenge among communities across the nation with populations of 5,000 to 250,000 to best demonstrate innovative, replicable, scalable and continual reductions in the per capita energy consumed from local natural gas and electric utilities at the Residential, Municipal, and Public School levels. The highest ranking community at the end of two years will be awarded with a \$5 million prize to be used for future energy efficiency efforts.

As a Quarterfinalist community, the City of Fremont developed and submitted a long-term Energy Plan to the GUEP selection committee November 10, 2014 for consideration to compete in the two year challenge. Fremont will be notified by GUEP on December 15, 2014 regarding its selection as a semifinalist competitor.

Attachments: [Fremont Energy Plan](#)

RECOMMENDATION: Receive and consider.

5.3 Fremont Energy Data Review (20 minutes)

Staff will present on current residential, municipal, and public school energy usage and discuss potential energy savings opportunities, especially as they

relate to the GUEP challenge.

RECOMMENDATION: Receive and consider.

5.4 Residential Energy Guidebook (20 minutes)

Chair Godfrey will lead a discussion regarding the idea of developing a guidebook and/or other resources to help residents with energy and sustainability projects at home.

Example: As part of its participation in the Georgetown University Energy Prize competition Fremont is interested in developing a “Green Homes Challenge” campaign similar to the one in Frederick County, MD. As a way to engage residents in sustainability efforts at home and offer the necessary resources and guidance for project completion, the [Frederick Green Homes Challenge](#) developed the following guidebooks for the three categories discussed above:

- a. [Power Saver Handbook](#): Energy-saving opportunities like changing energy usage behaviors, installing energy controls, LED lighting, ENERGY STAR appliances, and/or insulation, or completing a Home Upgrade project.
- b. [Green Leader Handbook](#): Other “green” projects or habits like installing water conservation measures, water-efficient landscaping, or greywater systems, engaging in home composting, purchasing green cleaning products, taking alternative forms of transportation, etc.
- c. [Renewable Star Handbook](#): Alternative energy projects like installing solar electricity (PV), solar water heating, or small wind systems, and purchasing an electric vehicle.

The guidebooks developed by Frederick County may be more complex and lengthy than necessary, but they offer an example for discussion regarding what might be useful in Fremont.

RECOMMENDATION: Receive and consider.

5.5 Environmental Sustainability Commission Role in GUEP; Engagement of “Community Energy Champions” (15 minutes)

As the City awaits the decision from the GUEP selection committee regarding its participation as a semifinalist in the two-year competition, each Environmental Sustainability Commissioner is now presented with the opportunity to define the roles and responsibilities that (s)he is willing to take on during the competition, as well as decide how to engage interested community members in becoming “Community Energy Champions”.

Chair Godfrey will lead the discussion.

RECOMMENDATION: Receive and consider.

5.6 Staff Updates (5 minutes)

Staff will provide updates on various related City sustainability efforts.

5.7 Commissioner Announcements (5 minutes)

This is an opportunity for Commission members to make announcements on matters of interest to the Commission as a whole.

6. Adjourn